





 Many women with · They are afraid SUD don't come into the authorities or stay in treatment may remove their children National Institute on Drug Abuse 2018b, https://www.drugabuse.gov/publication s/research-reports/substance-use-in-women/sex-gender-differences-in-substance-use-disorder-treatment

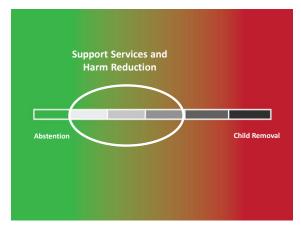


Breastfeeding Breastfeeding Contraindicated Safe Abstention

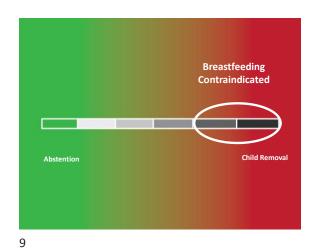
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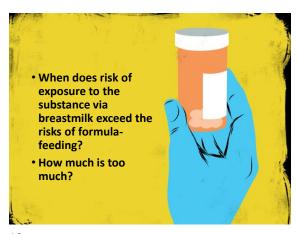
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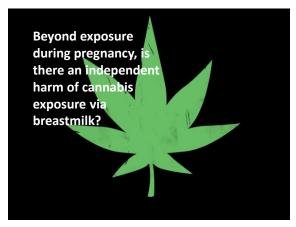


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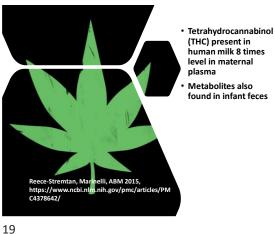


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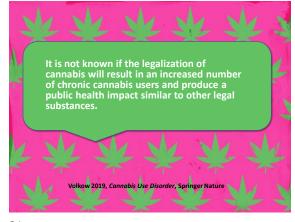


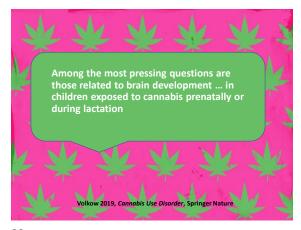
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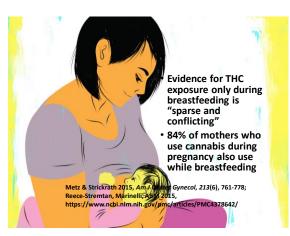
Some concerning beliefs • It's "natural" therefore it's safe Cannabis is not addictive

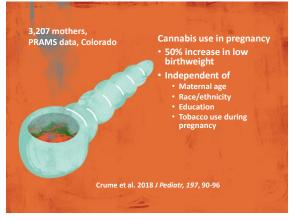
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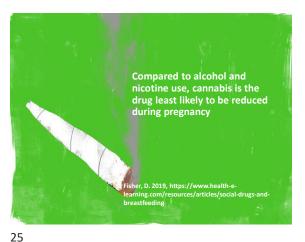


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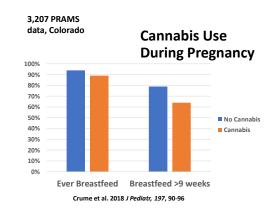
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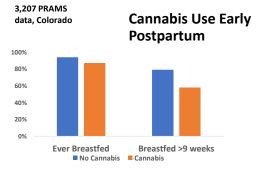
3,207 mothers, PRAMS data, Colorado Overall cannabis use for pregnancy 5.7% and breastfeeding 5% · Risk factors associated with higher use Tobacco use in last trimester 27% No daily multivitamin use 83% • Exercise <3x/week 46% Food insecurity 17% • >3 stressors 12 months before delivery 55% Unintended pregnancy 57% al. 2018 *J Pediatr, 1*

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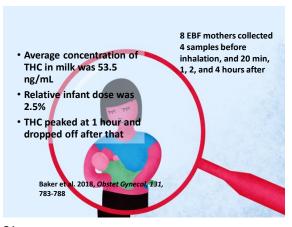
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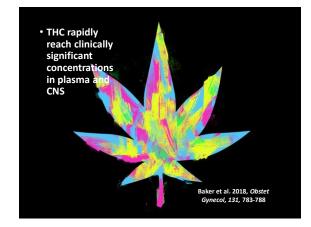


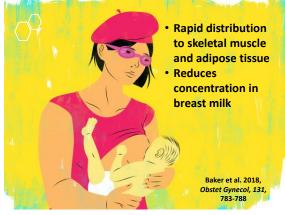
Crume et al. 2018 J Pediatr, 197, 90-96

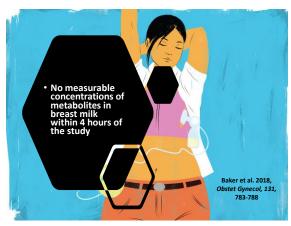


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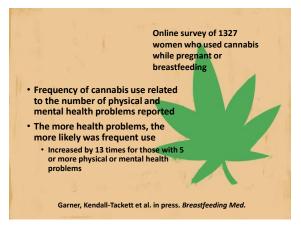
THC detectable in 63% of samples up to 6 days after last reported use
 Highly variable in THC content
 S samples had detectable metabolites
 Concluded THC was detectable in the majority of samples
 No standardization of amount consumed
 Need milk and plasma studies

Bertrand et al. 2018, Pediatrics, 142(3), doi.org/10.1542/peds.2018-1076

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- Frequency of use is a key variable
- Frequency predicts accumulation of THC in breast milk



20 chronic cannabis users, plasma and milk After using cannabis (inhaled or edible), THC samples at 2 weeks and 2 months pp, all CBD accumulate in had used cannabis in breastmilk the previous 48 hours Remain present for 1-2 days Breast milk THC concentration increased from visit 1 to visit 2 by 30.2 ng/ml THC concentrates more in milk than plasma Moss et al. 2021, Pediatr Res, doi: 10/1038/s41390-020-01332-2

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- CBD detected in 37% of samples
- 13 participants with CBD detectable in milk had higher THC in their milk
- 1-2 hours for highest plasma concentration
- Detectable for 3-4 hours



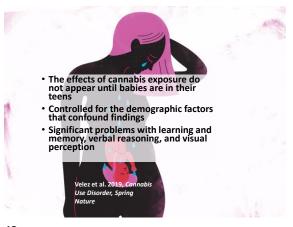
Moss et al. 2021, Pediatr Res, doi: 10/1038/s41390-020-01332-2

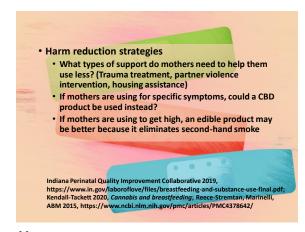
Questions with CBD

- Would you see as much CBD accumulation without THC?
- Even if CBD accumulates in the milk, since it is not psychoactive, is it harmful?



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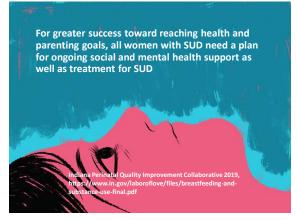




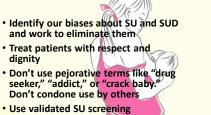


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questionnaires to all pregnant and lactating women regardless of age, race, or ethnicity

> Bartholomew & Lee 2019. Contemp OB/Gvn. 64(9). https://www.contemporaryobgyn.net/pregnancy-and-birth/substance-use-breastfeeding-woman

 Use evidence-based recommendations and individualize for breastfeeding · Formula or donor milk should not be the default if things are not going well Individualize support and build self-esteem Contemp OB/Gyn, 64(9), https://www.contemporaryobgyn. net/pregnancy-andbirth/substance-use-breastfeeding-woman

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Work with women to · Identify environmental stresses · Equip them to cope with stress without substances Address social determinants of health **Develop supportive** social structure NSW Ministry of Health 2014, nsw.gov.au

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 Use trauma-informed care Create a safe and comfortable environment Ask permission before talking about SUD, exposing, or touching Lee 2019, Contemp OB/Gvn, 64(9) Bartholomew https://www.contemporaryobgyn.net/pregnar birth/substan e-use-hreastfeeding

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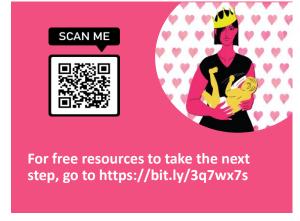


"No effort should be spared in assisting the mother to receive treatment for her addiction for her own and her baby's future.
Giving birth and then breastfeeding can be an empowering and life changing experience for a women and may be the catalyst that causes her to stop substance abuse.
Before counselling a women to feed artificial baby milk, consider giving her the opportunity to meet this challenge."

Denise Fisher

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